



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 104096

TO: Minh-Tam Davis
Location: cm1-8a01/8e12
Art Unit: 1642
Wednesday, September 17, 2003
Case Serial Number: 09/439313

From: Paul Schulwitz
Location: Biotech-Chem Library
CM1-6B06
Phone: 305-1954

paul.schulwitz@uspto.gov

Search Notes

Examiner Davis,

See attached results.

If you have any questions about this search feel free to contact me at any time.

Thank you for using STIC search services!

Paul Schulwitz
Technical Information Specialist
STIC Biotech/Chem Library
(703)305-1954



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094339313seq434vsparentapps.res

GenCore version 5.1.6
(c) 1993 - 2003 Compu

using sw model

September 16, 2003, 13:25:08 ; Search time 218 Seconds
(without alignments)
4.156 Million cell updates/sec

us-09-439-313-434

1 tttaaataagcatttagt.....ataagtaaccatgtcttta 484

BLOSUM62

1934 seqs, 936046 residues

hits satisfying chosen parameters: 3868

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length: 0
length: 2000000000000
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Minimum Match	0%
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Listing first 45 summaries

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*seq:

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB	ID	Description
1	2760	100.0	484	1	US-09-439-113-434	Sequence 434, App
2	2760	100.0	484	2	US-09-352-616A-434	Sequence 434, App
3	2749	99.6	2984	1	US-09-439-113-335	Sequence 335, App
4	2749	99.6	2984	2	US-09-352-616A-335	Sequence 335, App
5	2749	99.6	2984	3	US-09-232-149A-335	Sequence 335, App
6	2092	75.8	366	1	US-09-439-113-115	Sequence 115, App
7	2092	75.8	366	2	US-09-352-616A-115	Sequence 115, App
8	2092	75.8	366	3	US-09-232-149A-115	Sequence 115, App
9	2092	75.8	366	4	US-09-159-812-115	Sequence 115, App
10	2092	75.8	366	5	US-09-030-607-115	Sequence 115, App
11	2092	75.8	366	6	US-09-020-956-115	Sequence 115, App
12	1876	68.0	335	1	US-09-439-113-141	Sequence 141, App
13	1876	68.0	335	2	US-09-352-616A-141	Sequence 141, App
14	1876	68.0	335	3	US-09-232-149A-141	Sequence 141, App
15	1876	68.0	335	4	US-09-159-812-141	Sequence 141, App
16	1876	68.0	335	5	US-09-030-607-141	Sequence 141, App
17	1876	68.0	335	6	US-09-020-956-141	Sequence 141, App
18	1780	64.5	317	1	US-09-439-113-453	Sequence 453, App
19	1780	64.5	317	2	US-09-352-616A-453	Sequence 453, App
20	1729	62.6	305	1	US-09-439-113-295	Sequence 295, App
21	1729	62.6	305	2	US-09-352-616A-295	Sequence 295, App
22	1729	62.6	305	3	US-09-232-149A-295	Sequence 295, App
23	1729	62.6	305	4	US-09-159-812-295	Sequence 295, App
24	1226	44.4	2507	1	US-09-439-113-332	Sequence 332, App
25	1226	44.4	2507	2	US-09-352-616A-332	Sequence 332, App
26	1226	44.4	2507	3	US-09-232-149A-332	Sequence 332, App
27	1220	44.2	6082	1	US-09-439-113-535	Sequence 535, App

C	28	1215	44.0	5839	1	US-09-439-313-473	Sequence 473, App
	29	1214.5	44.0	6140	1	US-09-439-313-536	Sequence 536, App
	30	1214	44.0	1119	1	US-09-439-313-177	Sequence 177, App
	31	1214	44.0	1119	2	US-09-439-616-117	Sequence 177, App
	32	1214	44.0	1119	3	US-09-232-149-177	Sequence 177, App
	33	1214	44.0	1119	4	US-09-159-812-177	Sequence 177, App
	34	1214	44.0	1119	4	US-09-030-607-177	Sequence 177, App
	35	1214	44.0	1119	6	US-09-020-956-177	Sequence 177, App
	36	1213.5	44.0	5839	1	US-09-439-313-473	Sequence 473, App
C	37	1210	43.8	3410	1	US-09-439-313-110	Sequence 110, App
	38	1210	43.8	3410	2	US-09-352-616-110	Sequence 110, App
	39	1210	43.8	3410	2	US-09-232-149-110	Sequence 110, App
	40	1210	43.8	3410	4	US-09-159-812-110	Sequence 110, App
	41	1210	43.8	3410	5	US-09-030-607-110	Sequence 110, App
	42	1210	43.8	3410	6	US-09-020-956-110	Sequence 110, App
C	43	1208	43.8	2000	1	US-09-439-313-374	Sequence 374, App
C	44	1208	43.8	2000	2	US-09-352-616-374	Sequence 374, App
C	45	1208	43.8	2040	1	US-09-439-313-375	Sequence 375, App

ALIGNMENTS

	RESULT 1	
	US-09-439-313-434	
	/ Sequence 434, Application US/09439313	
	/ Patent No. 6329505	
	GENERAL INFORMATION:	
	APPLICANT: Xu, Jiangchun	
	APPLICANT: Dillon, Davin C.	
	APPLICANT: Mitcham, Jennifer L.	
	APPLICANT: Harlocker, Susan Louise	
	APPLICANT: Jiang Yuqiu	
	APPLICANT: Reed, Steven G.	
	APPLICANT: Kalos, Michael	
	APPLICANT: Fanger, Gary	
	APPLICANT: Retter, Mark	
	APPLICANT: Solk, John	
	APPLICANT: Day, Craig	
	TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND	
	DIAGNOSIS OF PROSTATE CANCER	
	FILE REFERENCE: 210121.427C9	
	CURRENT APPLICATION NUMBER: US/09/439,313	
	CURRENT FILING DATE: 1999-11-12	
	NUMBER OF SEQ ID NOS: 575	
	SOFTWARE: FastSeq for Windows Version 3.0	
	SEQ ID NO 434	
	LENGTH: 484	
	TYPE: DNA	
	ORGANISM: Homo sapiens	
	US-09-439-313-434	
	Query Match	100.0%; Score 2760; DB 1; Length 484;
	Best Local Similarity	100.0%; Pred. No. 1.5e+8;
	Matches 484; Conservative 0; Mismatches 0; Indels 0; Gaps 0	
QY	1 TTTTAAATACATTGAGTGCTGCAGCCACTGAGACTCTTCCTGCCCTCGC	60
DB	1 TTTTAAAATAACATTGTAGTGTCTGCTGCTCCACTGAGTAGTACTCTTCTCTCCCTCTG	60
QY	61 AATTTAATCTTCACTGCAATTTGCAAGATTACACATTTCCACTGTGATATATG	120
DB	61 AATTTAATCTTCACTGCAATTTGCAAGATTACACATTTCCACTGTGATATATG	120
QY	121 TGTTGGAAAAAAAAGTGTCTTTGTTTAAATTAATTTACTGGTTGTGAATCATCTTGC	180
DB	121 TGTTGGAAAAAAAAGTGTCTTTGTTTAAATTAATTTACTGGTTGTGAATCATCTTGC	180
QY	181 TTTTTCCTGAGAACAGTAGCATTAATACCATCTCTGACAGGTAGAAAAACATCGANG	240
DB	181 TTTTTCCTGAGAACAGTAGCATTAATACCATCTCTGACAGGTAGAAAAACATCGANG	240
QY	241 AGCTAGCTATACAGCATCTGACAGGTGAATGGATGTTCTCAGAACAACCATTTACCCAGA	300
DB	241 AGCTAGCTATACAGCATCTGACAGGTGAATGGATGTTCTCAGAACAACCATTTACCCAGA	300

[illegible]

```

RESULT 2
US-09-352-616A-434
: Sequence 434, Application US/09352616A
: Patent No. 6395278
: GENERAL INFORMATION:
: APPLICANT: Dillon, Davin C.
: APPLICANT: Harlocker, Susan Louise
: APPLICANT: Jiang, Yugu
: APPLICANT: Xu, JIANGXUN
: APPLICANT: Mitcham, Jennifer Lynn
: TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
: FILE REFERENCE: 210121.427C8
: CURRENT FILING DATE: 1999-07-13
: NUMBER OF SEQ ID NOS: 472
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO 434
: LENGTH: 484
: TYPE: DNA
: ORGANISM: Homo sapiens
: US-09-352-616A-434

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Query Match	Best Local Similarity	100.0%;	Score 2760;	DB 2;	Length 484;
Matches 484;	Conservative	0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	TTTTAAATATAGAGATTAGTGCCTCAGTCCCTACTGAGTACTCTCTCTCCCTCCCTCG	60		
Db	1	TTTTAAATATAGAGATTAGTGCCTCAGTCCCTACTGAGTACTCTCTCTCCCTCCCTCG	60		
QY	61	AATTTAATCTTTCGAACCTTGCAGATTTGCAGAGATTACATTTTACTCTGATGTAATATG	60		
Db	61	AATTTAATCTTTCGAACCTTGCAGATTTGCAGAGATTACATTTTACTCTGATGTAATATG	60		
QY	121	TGTCGCAAAAAAAAAGTGTCTTTGTTTAAATTTACTGTTTGTGTAATCCATCTTGC	120		
Db	121	TGTCGCAAAAAAAAAGTGTCTTTGTTTAAATTTACTGTTTGTGTAATCCATCTTGC	120		
QY	181	TTTTTCCCATTGGAACTAGTCATTAAACCATCTCTGAATCGTAGAAAAACATCTGAAG	180		
Db	181	TTTTTCCCATTGGAACTAGTCATTAAACCATCTCTGAATCGTAGAAAAACATCTGAAG	180		
QY	241	AGCTAGTGTATCAGCATCTGACAGGTGAATGTGATGTTCTCGAAGACATTTACCCAGA	240		
Db	241	AGCTAGTGTATCAGCATCTGACAGGTGAATGTGATGTTCTCGAAGACATTTACCCAGA	240		
QY	301	CAGCCTGTTTCTATCCTGTTTAAATAAATTTAGTTGGTCTCTACATGCATACAAACC	300		
Db	301	CAGCCTGTTTCTATCCTGTTTAAATAAATTTAGTTGGTCTCTACATGCATACAAACC	300		
QY	361	TGCGCAATCTGTACATAAAGTCTGTGACTGAGTTAGTCAGCAACCCACCACCAAC	360		
Db	361	TGCGCAATCTGTACATAAAGTCTGTGACTGAGTTAGTCAGCAACCCACCACCAAC	360		

Accession	Sequence	Length
Dp	361 TGCTCCATCTGTGCATATAAAAGTCTGTGACTTTGAAAGTTTACTGACGCCACCCCAACAAC	420
Qy	421 TTATATTTTCTATGCTTTTGTGCACATATAGTCTTTGAAAATAAAGTACCCATGTC	480
Dp	421 TTTATTTTCTATGCTTTTGTGCACATATAGTCTTTTGTAAAATAAAGTACCCATGTC	480
Qy	481 TTTTA 484	480
Dp	481 TTTTA 484	480

```

RESULT 3
US-09-439-313-335
; Sequence 335, Application US/09439313
; Patent No. 6329505
GENERAL INFORMATION:
; APPLICANT: Xu, Jiaqichun
; APPLICANT: Dillon, David N.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan Louise
; APPLICANT: Jiang Yuguil
; APPLICANT: Reed, Steven G.
; APPLICANT: Kalos, Michael
; APPLICANT: Fanger, Gary
; APPLICANT: Retter, Mark
; APPLICANT: Solk, John
; APPLICANT: Day, Craig
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING AND
; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: 210121.427C9
CURRENT APPLICATION NUMBER: US/09/439,313
CURRENT FILING DATE: 1999-11-12
NUMBER OF SEQ ID NOS: 575
SOFTWARE: FASTSEQ for Windows Version 3.0
; SEQ ID NO 335
; LENGTH: 2984
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-439-313-335

```

Query Match	99.68;	Score 2749;	DB 1;	Length 2984;
Best Local Similarity	99.68;	Pred. No. 5,9e-62;		
Matches	484;	Conservative	0;	Mismatches
			0;	Indels
			2;	Gaps
			1;	
QY	1	TTTTAAATAAGCATTTAGTGTGCTGAGCCCTACTGATGACTCTTTCTCTCCCTCCTCG	60	
Db	2473	TTTTAAATAAGCATTTAGTGTGCTGAGCTCCCTACTGATGACTCTTTCTCTCCCTCCTCG	2532	
QY	61	AATTAATCTCTTCACTTGCAATTTTGCAAGATTACACATTTCACTGATGATTTATG	120	
Db	2533	AATTAATCTCTTCACTTGCAATTTTGCAAGATTACACATTTCACTGATGATTTATG	2592	
QY	121	TGTTGC--AAAAAAGAGTCTTTTAAATAACTGGTTTGATGCATCTT	178	
Db	2593	TGTTGCAAAAAAAGAGTCTTTTAAATAACTGGTTTGATGCATCTT	2652	
QY	179	GCTTTTCCCATTTGGAATGACTGATTAACCATCTCTGAACTGTAAGAAACATCTGA	238	
Db	2653	GCTTTTCCCATTTGGAATGACTGATTAACCATCTCTGAACTGTAAGAAACATCTGA	2712	
QY	239	AGAGTAGCTATACGCACTTGACAGGTGATGATGGTTCGACGAACCATTTCAACCA	298	
Db	2713	AGAGTAGCTATACGCACTTGACAGGTGATGATGGTTCGACGAACCATTTCAACCA	2772	
QY	299	GACAGCCTGTTTCATCCTGTTTAATAATAGTTGGTTCCTACATGACATTAACAAAC	358	
Db	2773	GACAGCCTGTTTCATCCTGTTTAATAATAGTTGGTTCCTACATGACATTAACAAAC	2832	
QY	359	CCCTGCTCAATCTGTGCAATAAAGTCTGACTGAAGTTTAGTAGAGCCCAACCA	418	
Db	2833	CCCTGCTCAATCTGTGCAATAAAGTCTGACTGAAGTTTAGTAGAGCCCAACCA	2892	
QY	419	ACTTATTTTCTATGTGTTTTTGCACATATGAGTGTTTGCAAAATTAAGTACCATG	478	


```
APPLICANT: Fanger, Gary
APPLICANT: Retter, Mark
APPLICANT: Solk, John
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
FILE REFERENCE: 210121.427C9
CURRENT APPLICATION NUMBER: US/09/439.313
NUMBER OF SEQ ID NOS: 575
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 115
LENGTH: 366
TYPE: DNA
ORGANISM: Homo sapien
US-09-439-313-115
```

```
Query Match
Best Local Similarity 75.8%; Score 2092; DB 1; Length 366;
Matches 365; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 40 CTCCTTCTCCCTCCCTCTGATTAATTTCACTTGAATTTGCAAGGATTAC 99
DB 2 CTCCTTCTCCCTCCCTCTGATTAATTTCACTTGAATTTGCAAGGATTAC 99
QY 100 ATTTCACGTGATGATTAATTTGTTGCAAAAAAAGTCTTTGTTAAATTA 159
DB 62 ATTTCACGTGATGATTAATTTGTTGCAAAAAAAGTCTTTGTTAAATTA 159
QY 160 TGGTTTGGATTCATCTGTTTCCCATGGAATGATCAATTAACCATCTGAA 219
DB 122 TGGTTTGGATTCATCTGTTTCCCATGGAATGATCAATTAACCATCTGAA 219
QY 220 CTGTAGAAAAACATCTGAAGAGCTATGATGATGATGATGATGATGAT 279
DB 182 CTGTAGAAAAACATCTGAAGAGCTATGATGATGATGATGATGATGAT 279
QY 280 CTCACACCATTTTCAACCCAGACAGCTGTTTCTATCTGTTTAAATTA 241
DB 242 CTCACACCATTTTCAACCCAGACAGCTGTTTCTATCTGTTTAAATTA 241
QY 340 CTCACATGATTAACCAACCCCTGCTCAATCTGTCACATTAAGTCTGAT 399
DB 302 CTCACATGATTAACCAACCCCTGCTCAATCTGTCACATTAAGTCTGAT 399
QY 400 TAGTC 404
DB 362 TAGTC 366
```

```
RESULT 7
US-09-352-616A-115
Sequence 115, Application US/09352616A
Patent No. 6395278
GENERAL INFORMATION:
APPLICANT: Dillon, Davin C.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang, Yugu
APPLICANT: Xu, Jiangchun
APPLICANT: Mitcham, Jennifer Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS
FILE REFERENCE: 210121.427C8
CURRENT APPLICATION NUMBER: US/09/352.616A
NUMBER OF SEQ ID NOS: 472
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 115
LENGTH: 366
TYPE: DNA
ORGANISM: Homo sapien
US-09-352-616A-115
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Query Match
Best Local Similarity 75.8%; Score 2092; DB 2; Length 366;
Matches 365; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 40 CTCCTTCTCCCTCCCTCTGATTAATTTCACTTGAATTTGCAAGGATTAC 99
DB 2 CTCCTTCTCCCTCCCTCTGATTAATTTCACTTGAATTTGCAAGGATTAC 99
QY 100 ATTTCACGTGATGATTAATTTGTTGCAAAAAAAGTCTTTGTTAAATTA 159
DB 62 ATTTCACGTGATGATTAATTTGTTGCAAAAAAAGTCTTTGTTAAATTA 159
QY 160 TGGTTTGGATTCATCTGTTTCCCATGGAATGATCAATTAACCATCTGAA 219
DB 122 TGGTTTGGATTCATCTGTTTCCCATGGAATGATCAATTAACCATCTGAA 219
QY 220 CTGTAGAAAAACATCTGAAGAGCTATGATGATGATGATGATGATGAT 279
DB 182 CTGTAGAAAAACATCTGAAGAGCTATGATGATGATGATGATGATGAT 279
QY 280 CTCACACCATTTTCAACCCAGACAGCTGTTTCTATCTGTTTAAATTA 241
DB 242 CTCACACCATTTTCAACCCAGACAGCTGTTTCTATCTGTTTAAATTA 241
QY 340 CTCACATGATTAACCAACCCCTGCTCAATCTGTCACATTAAGTCTGAT 399
DB 302 CTCACATGATTAACCAACCCCTGCTCAATCTGTCACATTAAGTCTGAT 399
QY 400 TAGTC 404
DB 362 TAGTC 366
```

```
RESULT 8
US-09-232-149A-115
Sequence 115, Application US/09232149A
Patent No. 6465611
GENERAL INFORMATION:
APPLICANT: Xu, Jiangchun
APPLICANT: Dillon, Davin C.
APPLICANT: Harlocker, Susan Louise
APPLICANT: Jiang, Yugu
APPLICANT: Mitcham, Jennifer Lynn
TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE
FILE REFERENCE: 210121.427C6
CURRENT APPLICATION NUMBER: US/09/232.149A
NUMBER OF SEQ ID NOS: 338
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 115
LENGTH: 366
TYPE: DNA
ORGANISM: Homo sapien
US-09-232-149A-115
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Query Match
Best Local Similarity 75.8%; Score 2092; DB 3; Length 366;
Matches 365; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 40 CTCCTTCTCCCTCCCTCTGATTAATTTCACTTGAATTTGCAAGGATTAC 99
DB 2 CTCCTTCTCCCTCCCTCTGATTAATTTCACTTGAATTTGCAAGGATTAC 99
QY 100 ATTTCACGTGATGATTAATTTGTTGCAAAAAAAGTCTTTGTTAAATTA 159
DB 62 ATTTCACGTGATGATTAATTTGTTGCAAAAAAAGTCTTTGTTAAATTA 159
QY 160 TGGTTTGGATTCATCTGTTTCCCATGGAATGATCAATTAACCATCTGAA 219
DB 122 TGGTTTGGATTCATCTGTTTCCCATGGAATGATCAATTAACCATCTGAA 219
QY 220 CTGTAGAAAAACATCTGAAGAGCTATGATGATGATGATGATGATGAT 279
DB 182 CTGTAGAAAAACATCTGAAGAGCTATGATGATGATGATGATGATGAT 279
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```
QY 280 CTCGAGAACATTTCCACCAGACGCTGTTTCTATCCCTGTTTAATAATTAGTTGGGTT 339
    |||||||
Db 242 CTCGAGAACATTTCCACCAGACGCTGTTTCTATCCCTGTTTAATAATTAGTTGGGTT 301
QY 340 CTCCTAATGATTAACAACCCCTGCTCAATCTGTACATTAAGAAGTGTGACTTGAAGTT 399
    |||||||
Db 302 CTCCTAATGATTAACAACCCCTGCTCAATCTGTACATTAAGAAGTGTGACTTGAAGTT 361
QY 400 TACTC 404
    |||||
Db 362 TACTC 366
```

```
RESULT 9
US-09-159-812-115
; Sequence 115, Application US/09159812A
; Patent No. 6613872
; GENERAL INFORMATION:
; APPLICANT: Xu, Jlangchun
; APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF
; TITLE OF INVENTION: PROSTATE CANCER AND METHODS FOR THEIR USE
; FILE REFERENCE: 210121.428C5
; CURRENT APPLICATION NUMBER: US/09/159, 812A
; CURRENT FILING DATE: 1998-09-23
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 115
; LENGTH: 366
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-159-812-115
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Query Match 75.8%; Score 2092; DB 4; Length 366;
Best Local Similarity 100.0%; Pred. No. 2.4e-49;
Matches 365; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 40 CTCCTTCTCCTCCCTCCTCTGTAATTAATCTTTCAACTTGAATTTGAAGATTACAC 99
    |||||||
Db 2 CTCCTTCTCCTCCCTCCTCTGTAATTAATCTTTCAACTTGAATTTGAAGATTACAC 61
QY 100 ATTTCACGTGATGATATGTTGTTGCAAAAAAAGAGTGTCTTTGTTTAAATTACT 159
    |||||||
Db 62 ATTTCACGTGATGATATGTTGTTGCAAAAAAAGAGTGTCTTTGTTTAAATTACT 121
QY 160 TGGTTTGTGAATCCATCTGCTTTTCCCATTTGGAACATGATTAACCATCTCGAA 219
    |||||||
Db 122 TGGTTTGTGAATCCATCTGCTTTTCCCATTTGGAACATGATTAACCATCTCGAA 181
QY 220 CTGTAGAAAAAATCATCTGAAGAGCTAGTATCAGATCTGACAGGTGAATTGGATGTT 279
    |||||||
Db 182 CTGTAGAAAAAATCATCTGAAGAGCTAGTATCAGATCTGACAGGTGAATTGGATGTT 241
QY 280 CTCGAGAACATTTCCACCAGACGCTGTTTCTATCCCTGTTTAATAATTAGTTGGGTT 339
    |||||||
Db 242 CTCGAGAACATTTCCACCAGACGCTGTTTCTATCCCTGTTTAATAATTAGTTGGGTT 301
QY 340 CTCCTAATGATTAACAACCCCTGCTCAATCTGTACATTAAGAAGTGTGACTTGAAGTT 399
    |||||||
Db 302 CTCCTAATGATTAACAACCCCTGCTCAATCTGTACATTAAGAAGTGTGACTTGAAGTT 361
QY 400 TACTC 404
    |||||
Db 362 TACTC 366
```

```
RESULT 10
US-09-607-115
; Sequence 115, Application US/09030607
; Patent No. 6262245
; GENERAL INFORMATION:
; APPLICANT: Xu, Jlangchun
```

```
APPLICANT: Dillon, Davin C.
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY OF PROSTATE CANCER AND METHODS
; NUMBER OF SEQUENCES: 224
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98104
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/030, 607
; FILING DATE: 25-FEB-1998
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Makl, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.427C3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 115:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 366 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; ORIGINAL SOURCE:
; ORGANISM: Homo Sapiens
US-09-030-607-115
```

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Query Match 75.8%; Score 2092; DB 5; Length 366;
Best Local Similarity 100.0%; Pred. No. 2.4e-49;
Matches 365; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 40 CTCCTTCTCCTCCCTCCTCTGTAATTAATCTTTCAACTTGAATTTGAAGATTACAC 99
    |||||||
Db 2 CTCCTTCTCCTCCCTCCTCTGTAATTAATCTTTCAACTTGAATTTGAAGATTACAC 61
QY 100 ATTTCACGTGATGATATGTTGTTGCAAAAAAAGAGTGTCTTTGTTTAAATTACT 159
    |||||||
Db 62 ATTTCACGTGATGATATGTTGTTGCAAAAAAAGAGTGTCTTTGTTTAAATTACT 121
QY 160 TGGTTTGTGAATCCATCTGCTTTTCCCATTTGGAACATGATTAACCATCTCGAA 219
    |||||||
Db 122 TGGTTTGTGAATCCATCTGCTTTTCCCATTTGGAACATGATTAACCATCTCGAA 181
QY 220 CTGTAGAAAAAATCATCTGAAGAGCTAGTATCAGATCTGACAGGTGAATTGGATGTT 279
    |||||||
Db 182 CTGTAGAAAAAATCATCTGAAGAGCTAGTATCAGATCTGACAGGTGAATTGGATGTT 241
QY 280 CTCGAGAACATTTCCACCAGACGCTGTTTCTATCCCTGTTTAATAATTAGTTGGGTT 339
    |||||||
Db 242 CTCGAGAACATTTCCACCAGACGCTGTTTCTATCCCTGTTTAATAATTAGTTGGGTT 301
QY 340 CTCCTAATGATTAACAACCCCTGCTCAATCTGTACATTAAGAAGTGTGACTTGAAGTT 399
    |||||||
Db 302 CTCCTAATGATTAACAACCCCTGCTCAATCTGTACATTAAGAAGTGTGACTTGAAGTT 361
QY 400 TACTC 404
    |||||
Db 362 TACTC 366
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```
RESULT 11
US-09-020-956-115
; Sequence 115, Application US/09020956
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RESULT 12
US-09-439-313-141/C
; Sequence 141: Application US/09439313
; Patent No. 6329505
; GENERAL INFORMATION:
; APPLICANT: Xu, Jiangchun
; APPLICANT: Dillon, David C.
; APPLICANT: Mitcham, Jennifer L.
; APPLICANT: Harlocker, Susan Louise
; APPLICANT: Jiang Yuqi
; APPLICANT: Reed, Steven G.
; APPLICANT: Kalos, Michael
; APPLICANT: Fanger, Gary
; APPLICANT: Retter, Mark
; APPLICANT: Solk, John
; APPLICANT: Day, Craig
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
; TITLE OF INVENTION: DIAGNOSIS OF PROSTATE CANCER
; FILE REFERENCE: 210121.427C9
; CURRENT APPLICATION NUMBER: US/09/439,313
; CURRENT FILING DATE: 1999-11-12
; NUMBER OF SEQ ID NOS: 575
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 141
; LENGTH: 335
; TYPE: DNA
; ORGANISM: Homo sapien
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(335)
; OTHER INFORMATION: n = A,T,C or G
US-09-439-313-141

Query Match      68.0%; Score 1876; DB 1; Length 335;
Best Local Similarity 99.1%; Pred. NO. 4e+43;
Matches 332; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Query Match      68.08; Score 1876; DB 1, Length 335;
Best Local Similarity 99.18; Pred. No. 4e-43;
Matches 332; Conservative 0; Mismatches 3; Indels 0; Gaps 0

QY      137  AAGTGTCTTTGGTTAAAAATTACTGTGGTTGTGAATCAATCTGTCTTTTCCCATGGAA 196
      |||||
DB      335  AAGGTCTCTTTGTTAAAAATTACTGTGGTTGTGAATCAATCTGTCTTTTCCCATTTGAA 276

QY      197  CTAGTCATTTAACCCATCTCGAACACGCTGTGAAAAACATCTGAAGACTAGTCTATCAGCA 256
      |||||
DB      275  NTATCTATTACCAATCTCTGAACGTGTGAAAAAACATCTGAAGAGTAGTATATCAGCA 216

QY      257  TCTGACAGGTGAATTGGATGGTTCCTGAGAACATTTCACCGACAGAGCTGTTCATCC 316
      |||||
DB      215  TCTGACAGGTGAATTGGATGGTTCCTGAGAACATTTCACCGACAGAGCTGTTCATCC 156

QY      317  TGTATTAAATTAAGTTGGGTTCTCTACATGCAATACAAACCTGCTCCAAATCTGCAC 376
      |||||
DB      155  TGTATTAAATTAAGTTGGGTTCTCTACATGCAATACAAACCTGCTCCAAATCTGCAC 96

QY      377  ATAAAGCTGTGACTTGAAGTTTATGTACGACCCGCCACCAACTTATTTTCTATGNG 436
      |||||
DB      95  ATAAAGCTGTGACTTGAAGTTTATGTACGACCCGCCACCAACTTATTTTCTATGNG 36

QY      437  TTTTTCGAACATATGAGTGTTTGAAAAATAAAGT 471
      |||||
DB      35  TTTTTCGAACATATGAGTGTTTGAAAAATAAAGT 1

RESULT 13
US-09-352-616A-141/C
; Sequence 141, Application US/09352616A
; Patent No. 6395278
; GENERAL INFORMATION:
; APPLICANT: Dillon, Davin C.
; APPLICANT: Harlocker, Susan Louise
; APPLICANT: Jiang, Yugu
; APPLICANT: Xu, Jianshun
; APPLICANT: Mitcham, Jennifer Lynn
; TITLE OF INVENTION: COMPOUNDS FOR IMMUNOTHERAPY AND DIAGNOSIS

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OY 437 TTTTTCACATATGAGTGTTCGAAATAAGT 471
|||||
Db 35 TTTTTCACATATGAGTGTTCGAAATAAGT 1

Search completed: September 16, 2003, 13:28:47
Job time : 219 secs

Davis, Minh-Tam

From: Davis, Minh-Tam
Sent: Monday, September 15, 2003 1:11 PM
T : Schulwitz, Paul
Subject: RE: search for 09/700700

Can you see Paula Sheppard?. She just did a similar search for another sequence, SEQ ID NO:335 of the case 09/439313 against the parent cases of 09/439313 to determine priority date.

Thanks
Tam
305-2008

-----Original Message-----

From: Schulwitz, Paul
Sent: Monday, September 15, 2003 1:07 PM
T : Davis, Minh-Tam
Subject: RE: search for 09/700700

Examiner Davis,

Out of the list of application numbers that you provided there was no current CRF in the database for any of the application numbers.

I am assuming there is no CRF data because patents have been issued in some of these cases.

I can extract the data from the patent numbers with some extra steps, but I need to know which patents you need compared.

The patent number listed in PAM for 09/439,313 is 6329505

You listed a number of other application numbers in your request. Which one do you want it compared against?

09/439,313 is a CIP of 09/352,616 (pat no. 6395278).

Is this the comparison you are looking for?

In the subject line of your email is the application number "09/700700".... what does this number have to do with this search?

I'm confused about your request. Please contact me.

Thanks.

Paul
305-1954

-----Original Message-----

From: Davis, Minh-Tam
Sent: Monday, September 15, 2003 11:29 AM
To: Schulwitz, Paul
Subject: search for 09/700700

Thanks for your search result of SEQ ID NO:434 of 09/439313

However it seems that the search was not done against the parent cases of 09/439313, as requested, but rather against commercial data base, PGPU and issued patents.

Could you please contact me ASAP because it is due this biweek.

Thanks.

MINH TAM DAVIS
305-2008

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